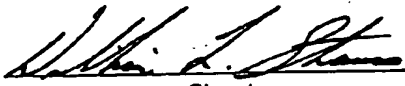


OCT 12 2004

To the Director of the U.S. Patent and Trademark Office:  
Please record the attached documents or copy thereof.

Mail Stop Assignment Recordation Services

1. Name of conveying party(ies): IGEN International, Inc.		2. Name and address of receiving party(ies): Name: BioVeris Corporation	
Additional name(s) of conveying party(ies) attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No		Internal Address:	
3. Nature of conveyance:		Street Address: 16020 Industrial Drive	
<input checked="" type="checkbox"/> Assignment	<input type="checkbox"/> Merger	City: Gaithersburg	
<input type="checkbox"/> Security Agreement	<input type="checkbox"/> Change of Name	State: Maryland	Zip Code: 20877
<input type="checkbox"/> Other:		Additional name(s) & Address(es) attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
Execution Date: February 12, 2004			
4. Application number(s) or patent number(s): If this document is being filed together with a new application, the execution date of the application:			
A. Patent Application Number(s): SEE ATTACHED LIST		B. Patent Number(s): SEE ATTACHED LIST	
Additional numbers attached?		<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	
5. Name and address of party to whom correspondence concerning document should be mailed:  Name:		6. Total number of applications and registrations involved: 127	
Internal Address: FINNEGAN, HENDERSON, FARABOW, GARRETT & DUNNER, L.L.P.		7. Total fee (37 CFR 3.41): \$5,080.00	
Street Address: 1300 I Street, N.W.		<input checked="" type="checkbox"/> Enclosed (Please charge deficiency to deposit account)	
City: Washington, D.C.		<input type="checkbox"/> Authorized to be charged to deposit account	
State: Zip: 20005-3315		8. Deposit Account No.: 06-0916	
9. Statement and signature. To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document.			
William L. Strauss, Reg. No. 47,114		Signature:  Date: April 27, 2004	
Total number of pages including cover sheet, attachments and documents: 40			

BEST AVAILABLE COPY



Attachment to  
Recordation Form Cover Sheet  
Patents Only  
filed April 27, 2004

Application Number	Patent Number	Title
08/326,535	5,720,922	Instrument Incorporating Electrochemiluminescent Technology
08/462,605	5,700,427	Apparatus and Methods for Carrying Out Electrochemiluminescence Test Measurements
08/461,257	5,632,956	Apparatus and Methods for Carrying Out Electrochemiluminescence Test Measurements
08/461,647	5,624,637	Apparatus and Methods for Carrying Out Electrochemiluminescence Test Measurements
08/462,822	5,543,112	Apparatus and Methods for Carrying Out Electrochemiluminescence Test Measurements
08/061,676	5,466,416	Apparatus and Methods for Carrying Out Electrochemiluminescence Test Measurements
187,095		Apparatus for Conducting a Plurality of Simultaneous Measurements of Electrochemiluminescent Phenomena
07/647,687	5,093,268	Apparatus for Conducting a Plurality of Simultaneous Measurements of Electrochemiluminescent Phenomena
07/267,234	5,061,445	Apparatus for Conducting Measurements of Electrochemiluminescent Phenomena
09/074,472		Assays Employing Electrochemiluminescent Labels and Electrochemiluminescence Quenchers
09/023,483	6,635,418	Assay Methods for Nucleic Acid in a Sample
09/976,437		Assays for Measuring Nucleic Acid Binding Proteins and Enzyme Activities
09/157,808	6,312,896	Assays for Measuring Nucleic Acid Binding Proteins and Enzyme Activities
09/157,809	6,214,552	Assays for Measuring Nucleic Acid Damaging Activities
09/799,551	6,673,542	Assays for Measuring Nucleic Acid Damaging Activities
08/402,829	5,457,564	Complementary Surface Confined Polymer

Application Number	Patent Number	Title
		Electrochromic Materials, Systems, and Methods of Fabrication Therefor
08/480,078	5,818,636	Complementary Surface Confined Polymer Electrochromic Materials, Systems, and Methods of Fabrication Therefor
09/742,033		Coreactant-Including Electrochemiluminescent Compounds, Methods, Systems and Kits Utilizing Same
08/936,971		Coreactant-Including Electrochemiluminescent Compounds, Methods, Systems and Kits Utilizing Same
08/474,927	6,048,687	Cycling DNA/RNA Amplification Electrochemiluminescent Probe Assay
09/480,544		Cycling DNA/RNA Amplification Electrochemiluminescent Probe Assay
60/447,610		Deazaflavin Compounds and Methods of Use Thereof
08/820,017	6,146,838	Detection of Water-Borne Parasites Using Electrochemiluminescence
09/896,974		ECL Labels Having Improved NSB Properties
07/717,892	5,282,955	Electrically Conductive Polymer Composition, Method of Making the Same and Device Incorporating the Same
60/390,816		Electrochemiluminescence Flow Cell and Flow Cell Components
10/600,164		Electrochemiluminescence Flow Cell and Flow Cell Components
07/485,379	5,189,549	Electrochromic, Electroluminescent and Electrochemiluminescent Displays
08/019,242	5,444,330	Electrochromic, Electroluminescent and Electrochemiluminescent Displays
07/986,381		Electrochromic, Electroluminescent and Electrochemiluminescent Displays
08/596,830	5,804,400	Electrochemiluminescent Assay
09/222,443		Electrochemiluminescence of Rare Earth Metal Chelates
08/485,419	5,643,713	Electrochemiluminescent Monitoring of Compounds
08/880,209	6,165,708	Electrochemiluminescent Monitoring of Compounds
08/880,353	6,316,180	Electrochemiluminescent Monitoring of Compounds
858,354		Electrochemiluminescent Assays

<b>Application Number</b>	<b>Patent Number</b>	<b>Title</b>
08/472,425	6,316,607	Electrochemiluminescent Assays
10/274,079		Electrochemiluminescent Assays
08/415,758		Electrochemiluminescent Assays
08/373,365	5,610,075	Electrochemiluminescence Assays for Endotoxins
08/467,712		Electrochemiluminescent Enzyme Biosensors
08/484,766		Electrochemiluminescent Enzyme Immunoassay
08/928,075	6,524,865	Electrochemiluminescent Enzyme Immunoassay
10/234,874		Electrochemiluminescent Enzyme Immunoassay
266,914		Electrochemiluminescent Reaction Using Amine-Derived Reductant
08/196,315	6,165,729	Electrochemiluminescent Reaction Using Amine-Derived Reductant
08/465,928	5,846,485	Electrochemiluminescent Reaction Using Amine-Derived Reductant
08/467,936	6,271,041	Electrochemiluminescent Reaction Using Amine-Derived Reductant
08/467,232	6,451,225	Electrochemiluminescent Reaction Using Amine-Derived Reductant
09/590,398		Electrochemiluminescent Reaction Using Amine-Derived Reductant
117,017		Electrochemiluminescent Rhenium Moieties and Methods for Their Use
08/470,247	5,716,781	Method of Calibration of an Electrochemiluminescent Assay System
08/468,524	5,811,236	Electrochemiluminescent Rhenium Moieties and Methods of Their Use
08/123,456	5,591,581	Electrochemiluminescent Rhenium Moieties and Methods of Their Use
09/157,788	6,468,741	Electrochemiluminescent Rhenium Moieties and Methods of Their Use
08/385,864	5,786,141	Electrogenerated Chemiluminescence Labels for Analysis and/or Referencing
09/082,273	6,479,233	Electrogenerated Chemiluminescence Labels for Analysis and/or Referencing
267,509		Enhanced Electrochemiluminescence
08/308,641		Enhanced Electrochemiluminescence
08/482,352	6,099,760	Hydrogen Peroxide Based ECL
09/137,159	6,136,233	Hydrogen Peroxide Based ECL

<b>Application Number</b>	<b>Patent Number</b>	<b>Title</b>
09/076,325	6,200,531	Apparatus for Carrying Out Electrochemiluminescence Test Measurements
09/761,528	6,517,777	Apparatus for Carrying Out Electrochemiluminescence Test Measurements
10/031,868		Apparatus for Carrying Out Electrochemiluminescence Test Measurements
10/313,411		Apparatus for Carrying Out Electrochemiluminescence Test Measurements
60/392,399		Improved Assay Systems and Components
10/600,165		Improved Assay Systems and Components
08/479,817	5,597,910	Electrochemiluminescent Label for DNA Probe Assays
08/461,645	5,686,244	Method for Detecting a Nucleic Acid analyte Using an Improved Electrochemiluminescent Label
08/461,038	5,610,017	Method for Conducting a Polymerase Chain Reaction Using an Improved Electrochemiluminescent Label
08/906,654	6,087,476	Luminescent Chimeric Proteins
666,987		Luminescent Metal Chelate Labels and Means for Detection
08/477,579	5,714,089	Luminescent Metal Chelate Labels and Means for Detection
07/789,418	5,310,687	Luminescent Metal Chelate Labels and Means for Detection
08/474,760	5,731,147	Luminescent Metal Chelate Labels and Means for Detection
06/789,113	5,238,808	Luminescent Metal Chelate Labels and Means for Detection
07/609,072	5,221,605	Luminescent Metal Chelate Labels and Means for Detection
08/159,770	5,453,356	Luminescent Metal Chelate Labels and Means for Detection
08/238,224	6,140,138	Luminescent Metal Chelate Labels and Means for Detection
08/339,237	5,744,367	Magnetic Particle Based Electrochemiluminescent Detection Apparatus and Method

<b>Application Number</b>	<b>Patent Number</b>	<b>Title</b>
09/066,704	6,133,043	Magnetic Particle Based Electrochemiluminescent Detection Apparatus and Method
07/773,971	5,147,806	Method and Apparatus for Conducting Electrochemiluminescence Measurements
07/744,890	5,247,243	Method and Apparatus for Conducting Electrochemiluminescence Measurements
08/057,682	5,296,191	Method and Apparatus for Conducting Electrochemiluminescence Measurements
07/188,258		Method and Apparatus for Conducting Electrochemiluminescence Measurements
652,427		Method and Apparatus for Magnetic Microparticulate Based Luminescence Assay Including Plurality of Magnets
827,269		Method and Apparatus for Magnetic Microparticulate Based Luminescence Assay Including Plurality of Magnets
08/255,824	5,705,402	Method and Apparatus for Magnetic Microparticulate Based Luminescence Assay Including Plurality of Magnets
60/292,777		Method for Detecting Pathogens Using Electrochemiluminescence
10/151,295		Method for Detecting Pathogens Using Electrochemiluminescence
08/922,761	6,132,955	Method for Derivatizing Electrodes and Assay Methods Using Such Derivatized Electrodes
08/430,119	5,556,770	Method of Preparing a Composition that Enhances

<b>Application Number</b>	<b>Patent Number</b>	<b>Title</b>
804,951		Method for Exponential Amplification of Nucleic Acid by a Single Unpaired Primer
08/221,543	6,174,709	Method for Making a Primer and Nucleic Acid Exponential Amplification Methods Using said Primer
652,427		Methods and Apparatus for Improved Luminescence Assays
827,269		Methods and Apparatus for Improved Luminescence Assays
827,270		Methods and Apparatus for Improved Luminescence Assays
08/090,467		Methods and Apparatus for Improved Luminescence Assays
08/160,063	5,962,218	Methods and Apparatus for Improved Luminescence Assays
08/346,832	5,935,779	Methods for Improved Particle Luminescence Assays
08/461,395	5,779,976	Apparatus for Improved Luminescence Assays
08/473,313	6,078,782	Methods for Improved Particle Luminescence Assays
09/253,558	6,325,973	Methods and Apparatus for Improved Luminescence Assays
08/465,443		Methods and Apparatus for Improved Luminescence Assays
728,093		Methods and Apparatus for Improved Luminescence Assays Using Particle Concentration and Chemiluminescence
728,194		Methods and Apparatus for Improved Luminescence Assays Using Particle Concentration and Chemiluminescence
08/469,464	5,798,083	Apparatus for Improved Luminescence Assays Using Particle Concentration and Chemiluminescence Detection
08/348,749	5,770,459	Methods and Apparatus for Improved Luminescence Assays Using Particle Concentration and Chemiluminescence
08/467,028	5,746,974	Apparatus for Improved Luminescence Assays Using Particle Concentration and Chemiluminescence
08/335,183	6,448,091	Methods and Apparatus for Improved Luminescence Assays Using Particle Concentration and Chemiluminescence
10/235,127		Methods and Apparatus for Improved

<b>Application Number</b>	<b>Patent Number</b>	<b>Title</b>
		Luminescence Assays Using Particle Concentration and Chemiluminescence
60/503,362		Methods, Compositions and Kits for Detecting Cryptosporidium Oocysts
08/437,348	5,679,519	Multi-Label Complex for Enhanced Sensitivity in Electrochemiluminescence Assay
08/954,355	6,096,500	Multi-Label Complex for Enhanced Sensitivity in Electrochemiluminescence Assay
08/413,536		Particle-Based Electrochemiluminescent Assays
792,602		Rapid Assays for Amplification Products
652,427		Rapid Assays for Amplification Products
07/987,233	6,365,368	Rapid Method for the Detection and Quantification of Microbes in Water
08/347,984	5,527,710	Rate Measurements of Biomolecular Reactions Using Electrochemiluminescence
09/09,048		Rate Measurements of Biomolecular Reactions Using Electrochemiluminescence
124,686		Self-Sustained Sequence Replication Electrochemiluminescent Nucleic Acid Assay
474,927		Self-Sustained Sequence Replication Electrochemiluminescent Nucleic Acid Assay
08/517,493		Separating Enantiomers by Molecular Imprinting Technology
08/485,715		Simultaneous Assay Method Using Lanthanide Chelates as the Luminophore for Multiple Labels
08/279,192	5,571,643	Spectrophotometric Quantitation for Images in X-Ray Film and Electrophoresis
29/180,894		Design for Detection Device
29/182,691		Design for Detection Device



## PATENT ASSIGNMENT

THIS PATENT ASSIGNMENT AGREEMENT, effective the 12<sup>th</sup> day of February, 2004 ("Effective Date"), is by and between IGEN International, Inc., a Delaware corporation, having offices at 16020 Industrial Drive, Gaithersburg, Maryland 20877 (hereafter "IGEN"), and BioVeris Corporation, a Delaware corporation, having offices at 16020 Industrial Drive, Gaithersburg, Maryland 20877 (hereafter "BioVeris").

1. IGEN owns all right, title, and interest in and to the intellectual property identified below in paragraph 3, including each patent and patent application listed in Exhibit A attached hereto and to the inventions disclosed and claimed therein ("ASSIGNED PATENTS").
2. BioVeris is desirous of acquiring the entire right, title, and interest in and to the intellectual property owned by IGEN identified below in paragraph 3.
3. For good and valuable consideration, receipt of which is hereby acknowledged, IGEN hereby assigns to BioVeris all right, title and interest in and to, including all goodwill associated with, all intellectual property (excluding the "IGEN Names", as defined in paragraph 10 below and further excluding the trademarks and all goodwill associated with such trademarks which are covered by separate trademark assignment of even date herewith) owned or co-owned by IGEN including patents and patent applications (including all reissues, reexaminations, divisions, continuations, continuations-in-part, and extensions thereof), patent rights, patent improvements and related technology, patent improvement rights, inventions, invention disclosures, discoveries, methods, know-how, show-how, copyrights, and software (including object codes and source codes) ("ASSIGNED INTELLECTUAL PROPERTY"), such intellectual property including all right, title, and interest in and to each of the ASSIGNED PATENTS, each invention disclosed and claimed in any of the ASSIGNED PATENTS, any reissue or extension of any of the ASSIGNED PATENTS, and any other patent or patent application issued or filed anywhere in the world that relies for priority on or has the identical disclosure as any of the ASSIGNED PATENTS including corresponding foreign applications and foreign patents and any substitutions, divisions, continuations, continuations-in-part, renewals, reissues, reexaminations, confirmations or registrations.
4. IGEN further assigns to BioVeris all causes of action and associated damages for any and all acts of infringement of any ASSIGNED INTELLECTUAL PROPERTY including any ASSIGNED PATENTS that may have occurred prior to the date of this Assignment.
5. IGEN hereby authorizes and requests the Commissioner of Patents and Trademarks of the United States and any official of any foreign country whose duty it is to issue patents as described above to record this Assignment and, to the extent it assigns pending applications, to issue all Letters Patent issuing therefrom to BioVeris in accordance with the terms of this Assignment.
6. IGEN hereby agrees, without further consideration, to communicate to BioVeris, any facts known to it respecting the inventions disclosed and claimed in the ASSIGNED INTELLECTUAL PROPERTY including the ASSIGNED PATENTS, and to testify in any legal proceeding, sign all lawful papers when called upon to do so, execute and deliver any and all papers that may be necessary or desirable to perfect the title in BioVeris to any ASSIGNED INTELLECTUAL PROPERTY including any ASSIGNED PATENTS and the invention disclosed and claimed therein, to execute all divisional, continuation, continuation-in-part, reexamination, and reissue applications, make all rightful oaths, and generally do everything

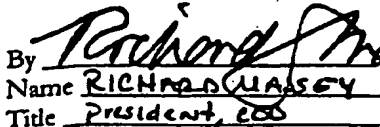
possible to aid BioVeris to obtain and enforce proper patent protection throughout the world for the inventions disclosed and claimed in the ASSIGNED INTELLECTUAL PROPERTY including the ASSIGNED PATENTS, it being understood that any expense incident to the execution of such papers shall be borne by BioVeris.

7. IGEN hereby grants to Richard J. Massey, Samuel J. Wohlstadter, and George V. Migauskys, or any one of them, each of whom is an executive officer of BioVeris, a power of attorney to execute any additional documents that may be required to perfect the assignment of the ASSIGNED INTELLECTUAL PROPERTY including the ASSIGNED PATENTS in the future.
8. This Assignment and all rights granted herein shall inure to the benefit of the heirs, successors, and assigns of BioVeris.
9. This Assignment shall be construed and enforced pursuant to the laws of the State of New York and of the United States. The sole and official version of this Assignment is in the English language.
10. Notwithstanding anything contained herein to the contrary, this Assignment shall not extend to and no assignment or transfer is being made of the "IGEN" name or any other names, imprints, trademarks, trade names, trade name rights, trade dress, domain names, service marks, service mark rights and service names of IGEN and its subsidiaries, whether or not registered, that include or are derivatives of the "IGEN" name, including all common law rights and all goodwill associated therewith (collectively herein the "IGEN Names").

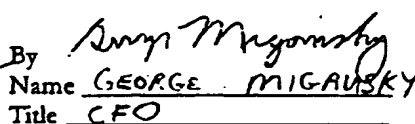
IN WITNESS WHEREOF, each party hereto has caused this Assignment to be executed by a duly authorized officer on the dates specified below.

IGEN International, Inc.

BioVeris Corporation

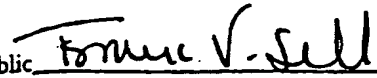
By   
Name RICHARD MASSEY  
Title PRESIDENT, CEO

Date February 12, 2004

By   
Name GEORGE MIGAUSKY  
Title CEO

Date February 12, 2004

Subscribed and sworn to before me this 12<sup>th</sup> day of February, 2004

Notary Public 

**TANYA V. SELL**  
**NOTARY PUBLIC**  
**COMMISSION EXPIRES 05-25-2004**

## EXHIBIT A - ASSIGNED PATENTS

PATENT NO.	CO.	SERIAL NO.	PATENT NO.	TITLE
P13190US0	US	08/326,535	5,720,922	Instrument incorporating electrochemiluminescent technology
P13107US0	US	08/462,605	5,700,427	Apparatus and Methods for Carrying Out Electrochemiluminescence Test Measurements
P13105US0	US	08/461,257	5,632,956	Apparatus and Methods for Carrying Out Electrochemiluminescence Test Measurements
P13104US0	US	08/461,647	5,624,637	Apparatus and Methods for Carrying Out Electrochemiluminescence Test Measurements
P13106US0	US	08/462,822	5,543,112	Apparatus and Methods for Carrying Out Electrochemiluminescence Test Measurements
P13100US0	US	08/061,676	5,466,416	Apparatus and Methods for Carrying Out Electrochemiluminescence Test Measurements

MAT. NO.	COUNTRY	SERIAL NO.	PATENT NO.	DESCRIPTION
	US	187,095		Apparatus for Conducting a Plurality of Simultaneous Measurements of Electrochemiluminescent Phenomena
12300US0	US	07/647,687	5,093,268	Apparatus for Conducting a Plurality of Simultaneous Measurements of Electrochemiluminescent Phenomena

WATERNO. 11 CO. 100 SERIAL NO. 11 PATENT NO. 11

P12990US0	US	07/267,234	5,061,445	Apparatus for Conducting Measurements of Electrochemiluminescent Phenomena
-----------	----	------------	-----------	--

PATENT NO. 1,000,000  
 SERIAL NO. 1,000,000  
 PATENT NO. 1,000,000  
 SERIAL NO. 1,000,000

P17710US0	US	09/074,472			Assays Employing Electrochemiluminescent Labels and Electrochemiluminescence Quenchers
-----------	----	------------	--	--	---

MATIERNO	GO	SERIAL NO	PATENT NO		
P09060US0	US	09/023,483	6,635,418		Assay Methods for Nucleic Acid in a Sample

MATTER No.	CO.	SERIAL No.	PATENT No.	TITLE
P09101US0	US	09/976,437		Assays for Measuring Nucleic Acid Binding Proteins and Enzyme Activities
P09100US0	US	09/157,808	6,312,896	Assays for Measuring Nucleic Acid Binding Proteins and Enzyme Activities

MATTER No.	CO.	SERIAL No.	PATENT No.	TITLE
P09080US0	US	09/157,809	6,214,552	Assays For Measuring Nucleic Acid Damaging Activities
P09082US0	US	09/799,551	6,673,542	Assays For Measuring Nucleic Acid Damaging Activities

MATTER No.	CO.	SERIAL No.	PATENT No.	TITLE
------------	-----	------------	------------	-------

P42220US0	US	08/402,829	5,457,564	Complementary Surface Confined Polymer Electrochromic Materials, Systems, and Methods of Fabrication Therefor
P42230US1	US	08/480,078	5,818,636	Complementary Surface Confined Polymer Electrochromic Materials, Systems, and Methods of Fabrication Therefor



MATERIAL NO.	COUNTRY	SERIAL NO.	PATENTING NO.	TITLE
P17921US0	US	09/742,033		Coreactant-Including Electrochemiluminescent Compounds, Methods, Systems and Kits Utilizing Same
P17920US1	US	08/936,971		Coreactant-Including Electrochemiluminescent Compounds, Methods, Systems and Kits Utilizing Same

MATERIAL NO.	COUNTRY	SERIAL NO.	PATENTING NO.	TITLE
P09020US1	US	08/474,927	6,048,687	Cycling DNA/RNA Amplification Electrochemiluminescent Probe Assay
P09020US2	US	09/480,544		Cycling DNA/RNA Amplification Electrochemiluminescent Probe Assay

MATERIAL NO.	COUNTRY	SERIAL NO.	PATENTING NO.	TITLE
P84000US0	US	60/447,610		Deazaflavin Compounds and Methods of Use Thereof

MATERIAL NO.	COUNTRY	SERIAL NO.	PATENTING NO.	TITLE
P16060US0	US	08/820,017	6,146,838	Detection of Water-Borne Parasites Using Electrochemiluminescence

MATERIAL NO.	COUNTRY	SERIAL NO.	PATENTING NO.	TITLE
--------------	---------	------------	---------------	-------

MATERIAL NO.	COUNTRY	SERIAL NO.	PATENTING NO.	TITLE
P17584US0	US	09/896,974		ECL Labels Having Improved NSB Properties

PATENT NO.	CO.	SERIAL NO.	PATENT NO.	DESCRIPTION
P42220US0	US	07/717,892	5,282,955	Electrically Conductive Polymer Composition, Method of Making the Same and Device Incorporating the Same

PATENT NO.	CO.	SERIAL NO.	PATENT NO.	DESCRIPTION
P17290US0	US	60/390,816		Electrochemiluminescence Flow Cell and Flow Cell Components
P17292US0	US	10/600,164		Electrochemiluminescence Flow Cell and Flow Cell Components

PATENT NO.	CO.	SERIAL NO.	PATENT NO.	DESCRIPTION
P42030US0	US	07/485,379	5,189,549	Electrochromic, Electroluminescent and Electrochemiluminescent Displays
P42050US0	US	08/019,242	5,444,330	Electrochromic, Electroluminescent and Electrochemiluminescent Displays

P42240US1	US	07/986,381		Electrochromic, Electroluminescent and Electrochemiluminescent Displays
-----------	----	------------	--	---

MATIERNO & CO.	SERIAL NO.	PATENT NO.	FILE
----------------	------------	------------	------

P17560US0	US	08/596,830	5,804,400	Electrochemiluminescent Assay
-----------	----	------------	-----------	-------------------------------

MATIERNO & CO.	SERIAL NO.	PATENT NO.	FILE
----------------	------------	------------	------

P17103US1	US	08/891,337	5,858,676	Electrochemiluminescence of Rare Earth Metal Chelates
P17104US2	US	09/222,443		Electrochemiluminescence of Rare Earth Metal Chelates

MATTER No.	CO.	SERIAL No.	PATENTING No.	TITLE
P17180US0	US	08/485,419	5,643,713	Electrochemiluminescent Monitoring of Compounds
P17190US2	US	08/880,209	6,165,708	Electrochemiluminescent Monitoring of Compounds
P17183US1	US	08/880,353	6,316,180	Electrochemiluminescent Monitoring of Compounds

MATTER No.	CO.	SERIAL No.	PATENTING No.	TITLE
	US	858,354		Electrochemiluminescent Assays

P12102US0	US	08/472,425	6,316,607	Electrochemiluminescent Assays
-----------	----	------------	-----------	--------------------------------

P12088US1	US	10/274,079		Electrochemiluminescent Assays
-----------	----	------------	--	--------------------------------

P12095US0	US	08/415,758		Electrochemiluminescent Assays
-----------	----	------------	--	--------------------------------

MATER No.		CO	SERIAL No.	PATENT No.	TITLE
P17240	US	08/373,365	5,610,075		Electrochemiluminescence Assays for Endotoxins

MATER No.		CO	SERIAL No.	PATENT No.	TITLE
-----------	--	----	------------	------------	-------

P17460	US	08/467,712			Electrochemiluminescent Enzyme Biosensors
--------	----	------------	--	--	---

MATIER No.	CO	SERIAL No.	PATENT No.	TITLE
------------	----	------------	------------	-------

US	08/484,766			Electrochemiluminescent Enzyme Immunoassay
----	------------	--	--	--

P17280US0	US	08/928,075	6,524,865	Electrochemiluminescent Enzyme Immunoassay
-----------	----	------------	-----------	--

P17280US1	US	10/234,874		Electrochemiluminescent Enzyme Immunoassay
-----------	----	------------	--	--

MATIER No.	CO	SERIAL No.	PATENT No.	TITLE
------------	----	------------	------------	-------

MATIER No.	CO	SERIAL No.	PATENT No.	TITLE
------------	----	------------	------------	-------

MATIER No.	CO	SERIAL No.	PATENT No.	TITLE
US	266,914			Electrochemiluminescent Reaction Using Amine-Derived Reductant
P12570US0	US	08/196,315	6,165,729	Electrochemiluminescent Reaction Using Amine-Derived Reductant

P12578US0	US	08/465,928	5,846,485	Electrochemiluminescent Reaction Using Amine-Derived Reductant
P12579US0	US	08/467,936	6,271,041	Electrochemiluminescent Reaction Using Amine-Derived Reductant
P12577US0	US	08/467,232	6,451,225	Electrochemiluminescent Reaction Using Amine-Derived Reductant
P12580US0	US	09/590,398		Electrochemiluminescent Reaction Using Amine-Derived Reductant

MAT. NO.	CO.	SERIAL NO.	PATENT NO.	TITLE
	US	117,017		Electrochemiluminescent Rhodium Moieties and Methods for Their Use
P12037US0	US	08/470,247	5,716,781	Method of Calibration of an Electrochemiluminescent Assay System

P12036US0	US	08/468,524	5,811,236	Electrochemiluminescent Rhodium Moieties and Methods for Their Use
P12030US1	US	08/123,456	5,591,581	Electrochemiluminescent Rhodium Moieties and Methods for Their Use



PATENT NO.	COUNTRY	SERIAL NO.	PATENT NO.	TITLE
P12038US0	US	09/157,788	6,468,741	Electrochemiluminescent Rhenium Moieties and Methods for Their Use

PATENT NO.	COUNTRY	SERIAL NO.	PATENT NO.	TITLE
P17300US0	US	08/385,864	5,786,141	Electrogenerated Chemiluminescence Labels for Analysis And/Or Referencing

PATENT NO.	COUNTRY	SERIAL NO.	PATENT NO.	TITLE
P17306US1	US	09/082,273	6,479,233	Electrogenerated Chemiluminescence Labels for Analysis And/Or Referencing

PATENT NO.	COUNTRY	SERIAL NO.	PATENT NO.	TITLE
------------	---------	------------	------------	-------

P17081WO0	WO	PCT/US96/00493	WO96/21154	Electrogenerated Chemiluminescence Through Enhanced Particle Luminescence
-----------	----	----------------	------------	---

MATIER No.	CO	SERIAL No.	PATENT No.	TITLE
	US	267,509		Enhanced Electrochemiluminescence
P12480US0	US	08/308,641		Enhanced Electrochemiluminescence

MATIER No.	CO	SERIAL No.	PATENT No.	TITLE
P17440US0	US	08/482,352	6,099,760	Hydrogen Peroxide Based ECL
P17443US1	US	09/137,159	6,136,233	Hydrogen Peroxide Based ECL

MATIER No.	CO	SERIAL No.	PATENT No.	TITLE
P16280US0	US	09/076,325	6,200,531	Apparatus for Carrying Out Electrochemiluminescence Test Measurements
P16280US1	US	09/761,528	6,517,777	Apparatus for Carrying Out Electrochemiluminescence Test Measurements

P16285US0	US	10/031,868		Improved Apparatus and Methods for Carrying Out Electrochemiluminescence Test Measurements
P16287US0	US	10/313,411		Improved Apparatus and Methods for Carrying Out Electrochemiluminescence Test Measurements

MATTER No.	CO.	SERIAL No.	PATENT No.	TITLE
P16286US0	US	60/392,399		Improved Assay Systems and Components
P16288US0	US	10/600,165		Improved Assay Systems and Components

MATTER No.	CO.	SERIAL No.	PATENT No.	TITLE
P13440US0	US	08/479,817	5,597,910	Electrochemiluminescent Label for DNA Probe Assays

P13450US0	US	08/461,645	5,686,244	Method for detecting a nucleic acid analyte using an improved electrochemiluminescent label
P13451US0	US	08/461,038	5,610,017	Method for conducting a polymerase chain reaction using an improved electrochemiluminescent label

PATENT NO.	CO.	SERIAL NO.	PATENT NO.	TITLE
P12220US0	US	08/906,654	6,087,476	Luminescent Chimeric Proteins

PATENT NO.	CO.	SERIAL NO.	PATENT NO.	TITLE
P12052US0	US	666,987		Luminescent Metal Chelate Labels and Means for Detection
	US	08/477,579	5,714,089	Luminescent Metal Chelate Labels and Means for Detection
P12070US0	US	07/789,418	5,310,687	Luminescent Metal Chelate Labels and Means for Detection

P12053US0	US	08/474,760	5,731,147	Luminescent Metal Chelate Labels and Means for Detection
P12060US0	US	06/789,113	5,238,808	Luminescent Metal Chelate Labels and Means for Detection
P12050US0	US	07/609,072	5,221,605	Luminescent Metal Chelate Labels and Means for Detection

PATENT NO.	CO.	SERIAL NO.	PATENT NO.	TITLE
P12051US0	US	08/159,770	5,453,356	Luminescent Metal Chelate Labels and Means for Detection
P12071US1	US	08/238,224	6,140,138	Luminescent Metal Chelate Labels and Means for Detection

PATENT NO.	CO.	SERIAL NO.	PATENT NO.	TITLE
P17020US0	US	08/339,237	5,744,367	Magnetic Particle Based Electrochemiluminescent Detection Apparatus and Method
P17023US1	US	09/066,704	6,133,043	Magnetic Particle Based Electrochemiluminescent Detection Apparatus and Method

PATENT NO.	CO.	SERIAL NO.	PATENT NO.	TITLE

P12280US0	US	07/773,971	5,147,806	Method and Apparatus for Conducting Electrochemiluminescence Measurements
-----------	----	------------	-----------	---

P14370US0	US	07/744,890	5,247,243	Method and Apparatus for Conducting Electrochemiluminescence Measurements
P14380US0	US	08/057,682	5,296,191	Method and Apparatus for Conducting Electrochemiluminescence Measurements

P12270US0	US	07/188,258		Method and Apparatus for Conducting Electrochemiluminescence Measurements
-----------	----	------------	--	---

PATENT NO.	CO.	SERIAL NO.	PATENT NO.	TITLE
	US	652,427		Method and Apparatus for Magnetic Microparticulate Based Luminescence Assay Including Plurality of Magnets
	US	827,269		Method and Apparatus for Magnetic Microparticulate Based Luminescence Assay Including Plurality of Magnets

PATENT NO.	COUNTRY	DATE	NO.	TITLE
P13401US0	US	08/25,824	5,705,402	Method and Apparatus for Magnetic Microparticle Based Luminescence Assay Including Plurality of Magnets

PATENT NO.	COUNTRY	DATE	NO.	TITLE
P17144US0	US	60/292,777		Method for Detecting Pathogens Using Electrochemiluminescence
P17145US0	US	10/151,295		Method for Detecting Pathogens Using Electrochemiluminescence

PATENT NO.	COUNTRY	DATE	NO.	TITLE
P17143US1	US	08/922,761	6,132,955	Method for Derivizing Electrodes and Assays Methods Using Such Derivized Electrodes



MATTER NO.	CO.	SERIAL NO.	PATENT NO.	TITLE
P12170US0	US	08/430,119	5,556,770	Method of Preparing a Composition that Enhances

MATTER NO.	CO.	SERIAL NO.	PATENT NO.	TITLE
P13420US0	US	08/221,543	6,174,709	Method for Exponential Amplification of Nucleic Acid by a Single Unpaired Primer Method for Making a Primer and Nucleic Acid Exponential Amplification Methods Using said Primer

PATENT NO.	CO.	SERIAL NO.	PATENT NO.	TITLE
	US	652,427		Methods and Apparatus for Improved Luminescence Assays
	US	827,269		Methods and Apparatus for Improved Luminescence Assays
	US	827,270		Methods and Apparatus for Improved Luminescence Assays
	US	08/090,467		Methods and Apparatus for Improved Luminescence Assays
P13680US0	US	08/160,063	5,962,218	Methods and Apparatus for Improved Luminescence Assays
P13400US0	US	08/346,832	5,935,779	Methods for Improved Particle Luminescence Assays

P13411US0	US	08/461,395	5,779,976	Apparatus for Improved Luminescence Assays
P13414US0	US	08/473,313	6,078,782	Methods for Improved Particle Luminescence Assays

P13413US0	US	09/253,558	6,325,973	Methods and Apparatus for Improved Luminescence Assays
-----------	----	------------	-----------	--

P13412US0	US	08/465,443		Methods and Apparatus for Improved Luminescence Assays
-----------	----	------------	--	--

WATERING	GOVT	SERIAL NO.	PATENT NO.	TITLE
	US	728,093		Methods and Apparatus for Improved Luminescence Assays Using Particle Concentration and Chemiluminescence
	US	728,194		Methods and Apparatus for Improved Luminescence Assays Using Particle Concentration and Chemiluminescence
P13467US0	US	08/469,464	5,798,083	Apparatus for Improved Luminescence Assays Using Particle Concentration and Chemiluminescence Detection

P13480US0	US	08/348,749	5,770,459	Methods and Apparatus for Improved Luminescence Assays Using Particle Concentration and Chemiluminescence
-----------	----	------------	-----------	---

P13490US0	US	08/467,028	5,746,974	Apparatus for Improved Luminescence Assays Using Particle Concentration and Chemiluminescence
-----------	----	------------	-----------	---

P13460US0	US	08/335,183	6,448,091	Methods and Apparatus for Improved Luminescence Assays Using Particle Concentration and Chemiluminescence
-----------	----	------------	-----------	---

P13460US2	US	10/235,127		Methods and Apparatus for Improved Luminescence Assays Using Particle Concentration and Chemiluminescence
-----------	----	------------	--	---

MAT. NO.	CO.	SERIAL NO.	PATENT NO.	TITLE
P16500PRV1	US	60/503,362		Methods, Compositions and Kits for Detecting Cryptosporidium Oocysts

MAT. NO.	CO.	SERIAL NO.	PATENT NO.	TITLE
P17040US0	US	08/437,348	5,679,519	Multi-Label Complex for Enhanced Sensitivity in Electrochemiluminescence Assay
P17045US1	US	08/954,355	6,096,500	Multi-Label Complex for Enhanced Sensitivity in Electrochemiluminescence Assay

MAT. NO.	CO.	SERIAL NO.	PATENT NO.	TITLE
P12390US0	US	08/413,536		Particle-Based Electrochemiluminescent Assays

MAT. NO.	CO.	SERIAL NO.	PATENT NO.	TITLE
----------	-----	------------	------------	-------

MAT. NO.	CO.	SERIAL NO.	PATENT NO.	TITLE
	US	792,602		Rapid Assays for Amplification Products
	US	652,427		Rapid Assays for Amplification Products

MATERIAL NO.	COUNTRY	SERIAL NO.	PATENT NO.	TITLE
P12040US0	US	07/987,233	6,365,368	Rapid Method for the Detection and Quantification of Microbes in Water

MATERIAL NO.	COUNTRY	SERIAL NO.	PATENT NO.	TITLE
P17160US0	US	08/347,984	5,527,710	Rate Measurements of Biomolecular Reactions Using Electrochemiluminescence
P17170US1	US	09/099,048		Rate Measurements of Biomolecular Reactions Using Electrochemiluminescence

PATENT NO.	CO. P. SERIAL NO.	PATENT NO.	TITLE
	US	124,686	Self-Sustained Sequence Replication Electrochemiluminescent Nucleic Acid Assay
	US	474,927	Self-Sustained Sequence Replication Electrochemiluminescent Nucleic Acid Assay

MATERIAL NO.	COUNTRY	SERIAL NO.	PATENT NO.	TITLE
P81160US0	US	08/517,493		Separating Enantiomers by Molecular Imprinting Technology

MATERIAL NO.	COUNTRY	SERIAL NO.	PATENT NO.	TITLE
P17500US0	US	08/485,715		Simultaneous Assay Method Using Lanthanide Chelates as the Lumiphore for Multiple Labels

MATERIAL NO.	COUNTRY	SERIAL NO.	PATENT NO.	TITLE
P17260US0	US	08/279,192	5,571,643	Spectrophotometric Quantitation for Images in X-Ray Film and Electrophoresis

MATERIAL NO.	COUNTRY	SERIAL NO.	PATENT NO.	TITLE
P999901US0	US	29/180,894		Design Patent for Detection Device

MATERIAL NO.	COUNTRY	SERIAL NO.	PATENT NO.	TITLE
P99920US0	US	29/182,691		Design for Detection Device



**This Page is Inserted by IFW Indexing and Scanning  
Operations and is not part of the Official Record**

**BEST AVAILABLE IMAGES**

Defective images within this document are accurate representations of the original documents submitted by the applicant.

Defects in the images include but are not limited to the items checked:

- ☐ BLACK BORDERS
- ☐ IMAGE CUT OFF AT TOP, BOTTOM OR SIDES
- ☐ FADED TEXT OR DRAWING
- ☐ BLURRED OR ILLEGIBLE TEXT OR DRAWING
- ☐ SKEWED/SLANTED IMAGES
- ☐ COLOR OR BLACK AND WHITE PHOTOGRAPHS
- ☐ GRAY SCALE DOCUMENTS
- ☒ LINES OR MARKS ON ORIGINAL DOCUMENT
- ☐ REFERENCE(S) OR EXHIBIT(S) SUBMITTED ARE POOR QUALITY
- ☐ OTHER: \_\_\_\_\_

**IMAGES ARE BEST AVAILABLE COPY.**

**As rescanning these documents will not correct the image problems checked, please do not report these problems to the IFW Image Problem Mailbox.**